

Amendment and Response

Applicant: Robert Walker

Serial No.: 10/730,45

Filed: December 8, 2004

Docket No.: I331.125.101/2003P54211US

Title: CHIP TO CHIP INTERFACE

REMARKS

The following remarks are made in response to the Office Action mailed February 14, 2005. Claims 23-25 have been allowed. Claims 1-8, 13-16, 19, 26, 27, and 31 were rejected. Claims 9-12, 17, 18, 20-22, and 28-30 have been objected to. With this Response, claims 1-6, 9, 11, 13, 15-18, 20, 26, and 28-31 have been amended. Claims 1-31 remain pending in the application and are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 102

The Examiner rejected claims 1-8, 13-16, 19, 26, 27, and 31 under 35 U.S.C. § 102(b) as being anticipated by Volk U.S. Patent No. 6,356,105 ("Volk"). Applicant submits that Volk fails to teach the inventions of amended independent claims 1, 13, 15, and 26.

Amended independent claims 1, 13, 15, and 26 include limitations similar to allowed independent claim 23. Volk fails to disclose **a driver configured to provide a first signal in response to a change in even data in a double data rate data stream and a second signal in response to a change in odd data in the double data rate data stream** (claim 1). Volk fails to disclose **a memory controller comprising a driver configured to provide a first signal in response to a change in even data in a double data rate data stream and a second signal in response to a change in odd data in the double data rate data stream** (claim 13). Volk fails to disclose **a driver configured to receive a double data rate signal and provide a high voltage pulse in response to a change in even data and to provide a low voltage pulse in response to a change in odd data** (claim 15). Volk fails to disclose **generating a first signal in a first chip in response to a change in even data in a double data rate data stream, and generating a second signal in the first chip in response to a change in odd data in the double data rate data stream** (claim 26). In view of the above, Applicant requests that the above rejection of independent claims 1, 13, 15, and 26 under 35 U.S.C. § 102(b) be withdrawn.

Dependent claims 2-8, 14, 16, 19, 27, and 31 further define patentably distinct corresponding independent claims 1, 13, 15, and 26. Accordingly, Applicant believes these dependent claims to also be allowable over the art of record.

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Allowable Subject Matter

The Examiner objected to claims 9-12, 17, 18, 20-22, and 28-30 for being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims. Claims 9, 11, 17, 18, 20, and 28-30 have been amended to be rewritten in independent form including all limitations of the base claim and any intervening claims. Dependent claim 10 further defines patentably distinct independent claim 9. Dependent claims 21 and 22 further define patentably distinct independent claim 20.

In view of the above, Applicant submits that the above objections to claims 9-12, 17, 18, 20-22, and 28-30 should be withdrawn. Allowance of claims 9-12, 17, 18, 20-22, and 28-30 is respectfully requested.

Claims 23-25 have been allowed.

CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-31 are in form for allowance and are not taught or suggested by the cited references. Therefore, reconsideration and withdrawal of the rejections and allowance of claims 1-31 is respectfully requested.

Applicants hereby authorize the Commissioner for Patents to charge Deposit Account No. 50-0471 in the amount of \$1600.00 to cover the fees as set forth under 37 C.F.R. 1.16(b)(c).

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The Examiner is invited to contact the Applicant's representative at the below-listed telephone numbers to facilitate prosecution of this application.

Respectfully submitted,

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CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13 day of May, 2005.

By Steven E. Dicke
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